





FILING DECLARATION AND POWER OF ATTORNEY

Navy Case 78,824

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD AND APPARATUS FOR MODELING COSMIC RAY EFFECTS ON MICROELECTRONICS, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

Lacknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a), including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 United States Code Section 119 (e) for any provisional application listed below and have also identified below the priority date of filing of the provisional application which is before the filing date of the application for which this priority is changed

date of filing of the provisional application	n which is bel	fore the filing date of the app	dication for which this prior	ity is claimed.		mo pranti
rior Provisional Applications		Priority Claimed				
Number			Day/Month/Year Filed		Yes	No
I hereby claim foreign priority benefits un also identified below any foreign applicati	der Title 35, I on for patent	United States Code, §119 of or inventor's certificate havi	any foreign applications for ing a filing date before that o	patent or inve of the applicati	entor's certificate listed bei	ow and have
Number	Country		Filing Dute		Priority (Yes/No)	
I heroby claim the benefit under Title 35, claims of this application is not disclosed acknowledge the duty to disclose material application and the national or PCT interr	in the prior U information s	nited States application in the as defined in Title 37, Code	to manner provided by the fi	est namemenh	of title 35 United States ('oda KIID I
U.S. Appl. Serial No.		U.S. Filing Date		Status (pute	ntod/pending/abandoned)	
POWER OF ATTORNEY: As a named in Research Laboratory, Washington DC ass Office connected therewith, and hereby ce correspondence to that Customer Number SEND CORRESPONDENCE TO: Associate Counsel (Patents), Code 100	conted with Crify that the C	Customer Number 26384 to	prosecute this application a tates has the irrevocable right	nd to transact at to prosecute ALLS TO:	all business in the Decree	4 T 4
Naval Research Laboratory Washington, D.C. 20375-5000	5.2		Attorney Name: JANE BA Reg. No. 34,217 (202)404-1551	UKKOW		
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RESIDENCE: HUNTSVILLE, AL CITIZENSHIP: USA POST OFFICE ADDRESS: 13021 HUNT	CLIFF ROAD), HUNTSVILLE, AL 35803	1			
FULL NAME OF JOINT INVENTOR 2: H	1	Dole	DATE:	7-よ	2-02	
RESIDENCE: VALENCIA, CA CITIZENSHIP: USA POST OFFICE ADDRESS: 27338 BRIGH	TON DRIVE	Ü	/			

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PETITIONS OFFICE

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Navy Case 78,824

As a below manied diventor, I heavily declare that: Aly residence, post office address and citizenship age as maded below note to my name. I halicew I am the original, first, and point inventor of the subject matter which is claimed and for which a pount is sought on the invention entitled: METHOD AND APPARATUS FOR MODIFIANG CORMIC RAY REFERRED ON MICRORLECTRONIUS, the specification of which is strayfied herein.

I house a function I have reciprocal and understand the contents of the means aboutfled specification, including the claims are amounted to save amounted to APPARATES FOR ITEMELIANT CERMIC RAY REFERE IN OR INTERCENCES ROMES, the specification of which is attached florate. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, is amounted by any antendanced

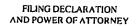
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I acknowledge the day to disclose intermitton which is material to the pumposhility of this application in accordance with Title 37. Code of federal Regulations,

a 1.26no. including for continuous in-pair applications, material information which because available between the filing date of the prior application and the

Thereby elgins principlements under 45 United States Code Section (19 to) for any provisional application trace below.

priority due of filing of the fine Prior Provisional Applications			Priority Claimed	-	· · · · · · · · · · · · · · · · · · ·	
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I hereby claim foreign priority be have also identified below any fol claimed:	application (or tratein or investible trail	i O of any foreign applicating	ns for _{(Rilen) of}	inventor's manife	Al.,
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U.S. Appl. Serial No.			this application:	179617 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i) which necurred last	Warm the film
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FULL NAME OF JOINT INVENTOR 3: BRUCE A. BROWNSTEIN	1 /
INVENTION'S SIGNATURE: Boul 9. Brownstein	DATE: 9/3/02
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FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER	
NVENTOR'S SIGNATURE:	DATE:
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	•
FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN	
NVENTOR'S SIGNATURE:	DATE:
RESIDENCE: FAIRFAX, VA CITIZENSHIP: USA POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2001	
FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA	
NVENTOR'S SIGNATURE:	DATE:
RESIDENCE: NASHUA, NH CITIZENSHIP: USA POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535	
TULL NAME OF JOINT INVENTOR 8: DON F. SMART	
nventor's signature:	DATE:
RESIDENCE: NASHUA, NH CITIZENSHIP: USA OST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535	
ULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH	
NVENTOR'S SIGNATURE:	DATE:
ESIDENCE: OCEANSIDE, CA	

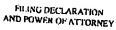
POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

HIJNG DECLARATION AND POWER OF ATTORNOY

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FULL NAME OF JOINT INVENTOR 3. BUDDY BROWNSTRIN	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: OXON HILL MID CITIZENSHIP USA	
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PULL NAME OF JOINT INVENTOR 4. WILLIAM PRETRICH	
INVENTOR'S SIGNATURE: MULLUF Dufub	DATE: <u>July/82002</u>
RESIDENCE: PROSPECT HEIGHTS: IL. GITIZENSHIF: U.S.	
POST OFFICE ADDRESS: 13 SOUTH PARKWAY: PROSPECT HEIGHES, ILL MUTO	
BULLINAME OF JOINT INVENTOR'S CRWIN O TAJJECKIOER	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: SWITZERLAND CITTZENSHIP: SWITZERLAND	
POST OFFICE ADDRESS: HALLERSTRASSE SO, CH-3012 BERN: SWITZERLAND	
FULL NAME OF JOINT INVENTOR & EDWARD LIPETERSEN	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: FAIRFAX: VA GITIZENSHIP: USA	
POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22/172-2001	
FULL NAME OF JOINT INVENTOR T. MARGARGE A. SHUA	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE NASHUA: NH CITIZENSI IIP: USA	
POST OFFICE ADDRESS: 100 TENNYSON AVENUE: NASHUA, NH:03062-2535	
FULL NAME OF JOINT INVENTOR 8; DONALD F. SMART	
INVENTOR'S SIGNATURE:	;DATE:
RESIDENCE NASHUA, NH CITIZENSINE USA	
POST, OFFICE ADDRESS: 1000 TENNYSON AVUNUE, NASHUA, NH 03062-2535;	
FULL NAME OF JOINT INVENTOR 9: HIJWARD (C.SMITH)	
NUTATION CASE MADE	DATE:
RESIDENCE OCEANSIDE, CA	
CTTIZENSHIP: USA POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE CA 92056	

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Navy Cise 78,824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN	KNEY
INVENTOR'S SIGNATURE:	
INVENTOR'S SIGNATURE: RESIDENCE: OXON HILL MO CITIZENSHIP: USA	DATE:
POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745	
FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH	
INVENTOR'S SIGNATURE: RESIDENCE: PROSPECT DEIGHTS, IL	
RESIDENCE: PROSPECT DEIGHTS, IL CITIZENSHIP: USA POST OMPCE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070	DATE:
FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER	
INVENTOR'S SIGNATURE Francis Sciences 15	Date: 22 74/2 200 0
RESIDENCE: SWITZERLAND CITIZENSHIP: SWITZERLAND POST OFFICE ADDRESS: HALLERSTRASSE SU. CH-3012 BERN, SWITZERLAND	DATE: 22 July 2002
FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN	
INVENTOR'S SIGNATURE:	
RESIDENCE: FAIRIFAX, VA CITIZENSHIP: USA POST OFFICE ADDRESS: 9503 BABSON COURT, FAIRIFAX, VA-23032-2001	DATE:
FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA	
INVENTOR'S SIGNATURE: RESIDENCE: NASITUA, NH	
CITIZENSHIP-11CA	DATE:
POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA. NH 03062-2535	
FULL NAME OF JOINT INVENTOR 8: DONALD F. SMART	
INVENTOR'S SIGNATURIS RESIDENCE: NASHUA, NH	•
RESIDENCE: NASHUA, NH CITIZENSHIP: USA POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA. NH 03062-2535	DATE:
FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH	
INVENTOR'S SIGNATURE:	DATG.
CITIZENSHIP: USA	DATG:
POST DIFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056	

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Navy Case 78,824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: OXON HILL, MD CITIZENSHIP: USA POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745	
Service State Name (Section 1992)	
FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: PROSPECT HEIGHTS, IL CITIZENSHIP: USA POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070	
FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER	The second of th
NVENTOR'S SIGNATURE:	DATE:
RESIDENCE: SWITZERLAND CITIZENSHIP: SWITZERLAND POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND	
FULL NAME OF JOINT INVENTOR 6: EDWARD LAPETERSEN NVENTOR'S SIGNATURE:	DATE: Aus 9 WW
RESIDENCE: FAIRFAX, VA CITIZENSHIP: USA POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2001	
ULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA	
NVENTOR'S SIGNATURE:	DATE:
EESIDENCE: NASHUA, NH CITIZENSHIP: USA OST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA. NH 03062-2535	
ULL NAME OF JOINT INVENTOR 8: DON F. SMART	
NVENTOR'S SIGNATURE:	DATE:
ESIDENCE: NASHUA, NH ITIZENSHIP: USA OST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03462-2535	
ULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH	
NVENTOR'S SIGNATURE:	DATE:
ESIDENCE: OCEANSIDE, CA	

POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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Navy Case 78,824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: OXON HILL, MD CITIZENSHIP: IISA POST UHFICE ADDRESS: 7402 OXON HILL ROAD. OXON HILL, MI) 20745	
FULL NAME OF JOINT INVENTOR 4; WILLIAM F. DIETRICH	
INVENTOR'S SIGNATURE:	DATE
RESIDENCE: PROSPECT HEIGHTS, IL CITIZENSHIP: USA POST OFFICE ADDRESS: US SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070	
FULL NAME OF JOINT INVENTOR 5: FRWIN O. FLUECKIGER	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: SWITZERLAND CUTZENSHIP: SWITZERLAND POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3013 BERN, SWITZERLAND	
FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: FAIRFAX, VA CITIZENSHIP: USA POST OFFICE ADDRESS: 9502 BARSON COURT, FAIRFAX, VA 21032-2001	
FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA	
INVENTOR'S SIGNATURIS: Margaret & Shea	DATE 23 July 2002
RESIDENCE: NASHIJA, NH CITIZENSHIP: USA POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 030G2-2535	ų ·
FULL NAME OF JOINT INVENDORS: DON F. SMART	
INVENTOR'S SIGNATURE: AND THE SMART SIGNATURE: AND THE SIGNATURE S	DATE: 23 July 2002
RUSIDENCE: NASHUA, NH CITIZENSHIP: USA POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535	र व
FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH	
INVENTOR'S SIGNATURE:	DATE:
RESODENCE: OCEANSIDE, CA CITIZENSHIP: USA POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056	

FROM:

FAX NO. :7609189341

. 22 2002 11:47AM P2

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Navy Care 78,824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN	
INVENTOR'S SKINATURE:	DATE:
RESIDENCE: OXON HILL, MD CITIZENSHIP: USA POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745	
FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: PROSPECT HEIGHTS, IL CITIZENSHIP: USA POST OPFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070	
FULL NAME OF JOINT INVENTOR 5; ERWIN O. FLUECKIGER	
INVENTOR'S SIGNATURE:	DATE;
RESIDENCE: SWITZERLAND CITIZENSHIP; SWITZERLAND POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND	
full name of joint inventor 6; Edward L. Petersen	DATE:
(NVENTOR'S SIGNATURE;	VALE:
RESIDENCE: FAIRFAX, VA CITIZENSHIP, USA POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2011	
FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: NASHUA, NH CTTZENSHIP: USA POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535	
FULL NAME OF JOINT INVENTOR 8: DON F. SMART	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: NASHUA, NH CITIZENSHIP; UBA POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535	
FULL NAME OF JOINT INVENTORY BUWARD C. SMITH	DATE: 7-22-62
INVENTOR'S SIGNATURE: Coheral Coheran	
RESIDENCE: OCEANSIDE, CA CITIZENSHIP: USA POST OFFICE ADDRESS: 1724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056	

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Navy Case 78,824

FULL NAME OF JOINT INVENTOR 19 ALLAN J. TYLKA

INVENTOR'S SIGNATURE:

DATE: 7/15/2002

RESIDENCE: SILVER SPRING, MD

CITIZENSIIIP: URA POST OFFICE ADDRESS: 13713 CHERKSIDE DRIVE, SILVER SPRING, MID 20904